

WHAT IS CLAIMED IS:

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Q1
1. A display apparatus comprising:  
a display screen for displaying thereon image data sent from a main apparatus;  
memory means for storing thereinto screen protecting image data; and  
display control means for displaying said screen protecting image data stored in said memory means on the display screen under such a condition that the main apparatus is not actually operated for a predetermined time period.
  2. A display apparatus as claimed in claim 1 wherein:  
said memory means is a data rewritable memory, and the image protecting data is written into the memory means from said main apparatus.
  3. A display apparatus as claimed in claim 1 wherein:  
said display control means provided on the side of said display apparatus includes a main apparatus control means for transmitting a control signal to said main apparatus under such a condition that the main apparatus is not actually operated for the predetermined time period.
  4. An information processing system comprising:  
a main apparatus for processing image data; and  
a display apparatus for displaying the image data sent from said main apparatus on a display screen; wherein:  
said main apparatus includes an image data storage

means for storing image data to be displayed; and a main display control means for causing the image data stored in said image data storage means to be displayed on the display screen; and

said display apparatus includes a memory means for storing thereinto screen protecting image data; and a sub-display control means for causing said screen protecting image data stored in said memory means to be displayed on said display screen under such a condition that said main apparatus is not actually operated for a predetermined time period.

5. An image processing apparatus as claimed in claim 5 wherein:

said main apparatus further includes an operation mode control means for changing a normal power consumption mode of said main apparatus into a low power consumption mode;

said display apparatus further includes a main apparatus control means for transmitting a control signal to said main apparatus under such a condition that said main apparatus is not actually operated for the predetermined time period; and

upon receipt of said control signal transmitted from said main apparatus control means, said operation mode control means changes said normal power consumption mode into said low power consumption mode.

6. A display control apparatus comprising:

memory means for storing thereinto screen protecting data; and

display control means for causing the screen protecting image data stored in said memory means to be displayed on a display screen of said display apparatus under such a condition that a main apparatus is not actually operated for a predetermined time period; whereby:

when no access is made from the main apparatus to said display apparatus for said predetermined time period, an image produced from screen protecting image data is displayed on the display screen of said display apparatus.

7. A display control apparatus as claimed in claim 6 wherein:

said memory means is a data rewritable memory, and the image protecting data is written into the memory means from said main apparatus.

8. A display control apparatus as claimed in claim 6, further comprising:

a main apparatus control means for transmitting a control signal to said main apparatus under such a condition that the main apparatus is not actually operated for the predetermined time period.

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